

Date: Wed, 13 Oct 93 04:30:20 PDT  
From: Ham-Homebrew Mailing List and Newsgroup <ham-homebrew@ucsd.edu>  
Errors-To: Ham-Homebrew-Errors@UCSD.Edu  
Reply-To: Ham-Homebrew@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Homebrew Digest V93 #73  
To: Ham-Homebrew

Ham-Homebrew Digest                      Wed, 13 Oct 93                      Volume 93 : Issue    73

Today's Topics:

    Project 10: A BFO for your \$40 SW rcvr  
            want info on microwave diodes

Send Replies or notes for publication to: <Ham-Homebrew@UCSD.Edu>  
Send subscription requests to: <Ham-Homebrew-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Homebrew Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-homebrew".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----  
Date: Tue, 12 Oct 1993 09:29:28 GMT  
From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa  
Subject: Project 10: A BFO for your \$40 SW rcvr  
To: ham-homebrew@ucsd.edu

In article <299hbl\$ge1@usenet.INS.CWRU.Edu> trier@odin.ins.cwru.edu (Stephen C.  
Trier) writes:

>In article <CEnJ6t.79v@news.hawaii.edu>,  
>Jeff Herman <jherman@uhunix3.uhcc.Hawaii.Edu> wrote:

```
>>                |
>>                *-----SW1-----B1+-----GND
>>                |
>>                |
>>                GND
```

>  
>This part of the circuit bothers me. I looks to me like SW1 is  
>controlling a short across the battery. Am I misreading your  
>notation?

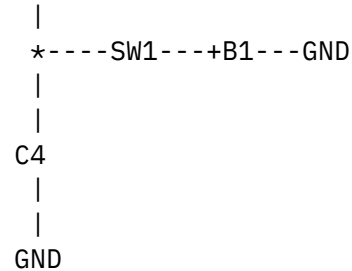
>  
>--

>Stephen Trier KB8PWA                      "[I]t's time to put your power supply under the

>Work: trier@ins.cwru.edu        cardboard pyramid in the fridge with the oranges  
>Home: sct@po.cwru.edu        and razor blades under it....Failing that, check  
>                                the pass transistors." - jangus@skyld.tele.com

What the \*&%\$#@?>+!=!? Hee hee - I actually own stock in several battery companies...

Very good eye, Stephen! The capacitor C4 was deleted:



Thanks so much, Stephen.

Jeff NH6IL

-----  
Date: 12 Oct 93 19:11:12 GMT  
From: ogicse@mimbres.cs.unm.edu!bbx!dthomas@network.ucsd.edu  
Subject: want info on microwave diodes  
To: ham-homebrew@ucsd.edu

I'm restoring a 1960's vintage military surplus spectrum analyzer, and it turns out that the mixer diode in one of the front ends is fried. At a local surplus store, I was able to score a wide variety of these diodes, but I don't know which would be the best one to use.

Does anyone know the characteristics of these diodes?

1N21B  
1N23A  
1N78F  
1N149  
WE9-62

Thanks!

David

--

Their address sums up their attitude: One Microsoft Way.

-----

End of Ham-Homebrew Digest V93 #73

\*\*\*\*\*